

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, Washington, D.C. 20231, on



April 10, 2002

Date of Deposit

Anthony P. Curtis, Ph.D., Reg. No. 46,193

Name of Applicant, Assignee or  
Registered Representative

A handwritten signature in black ink, appearing to read "Anthony P. Curtis", written over a horizontal line.

Signature

April 10, 2002

Date of Signature

Our Case No.: 10322-31

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

J. Gary Eden et al.

Serial No.: 10/047,469

Filing Date: January 15, 2002

For: Microdischarge Devices and Arrays  
Having Tapered Microcavities

Examiner: To Be Assigned

Group Art Unit No.: 2817

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

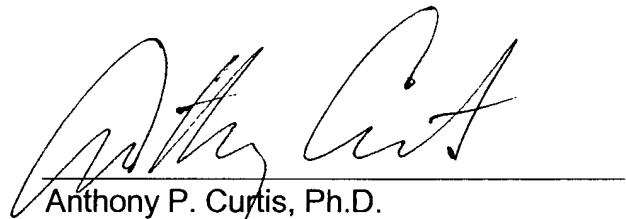
In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Anthony P. Curtis, Ph.D.  
Registration No. 46,193  
Agent for Applicants

BRINKS HOFER GILSON & LIONE  
P.O. Box 10395  
Chicago, IL 60610  
(312) 321-4200



FORM PTO-1449  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	SERIAL NO. 10/047,469	CASE NO. 10322-31
	FILING DATE January 15, 2002	GROUP ART UNIT 2817
	APPLICANTS: J. Gary Eden et al.	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,016,027	01/2000	DeTemple et al.		
	A2	5,686,789	11/1997	Schoenbach et al.		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A3	JP 7,192,701	07/1995	Japan		X (Partial)	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A4	"High-Pressure Hollow Cathode Discharges;" Karl H. Schoenbach et al.; Physical Electronics Research Institute, Old Dominion University, Norfolk, VA, USA; 6-30-1997.
	A5	"Microdischarge Devices Fabricated in Silicon;" J.W. Frame et al.; Department of Electrical and Computer Engineering, Everett Laboratory, University of Illinois, Urbana, Illinois, USA; 6-30-1997; App. Phys. Lett. 71 (9), 1 September 1997.
	A6	"Flexible Microdischarge Arrays: Metal/Polymer Devices;" S.-J. Park et al.; Laboratory for Optical Physics and Engineering, Department of Electrical and Computer Engineering, University of Illinois, Urbana, Illinois, USA; 5-17-2000; Applied Physics Letters, Volume 77, Number 2, 10 July 2000.
	A7	"Emission of Excimer Radiation from Direct Current, High-Pressure Hollow Cathode Discharges;" Ahmed El-Habachi and Karl H. Schoenbach; Electrical and Computer Engineering Department, Physical Electronics Research Institute, Old Dominion University, Norfolk, Virginia, USA; 11-4-1997; App. Phys. Lett. 72 (1), 5 January 1998.
	A8	"Performance of Microdischarge Devices and Arrays with Screen Electrodes;" S.-J. Park, C.J. Wagner, and J. G. Eden, Fellow, IEEE; IEEE Photonics Technology Letters, Vol. 13, No. 1, January 2001.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.